SEQUENCE LISTING

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<120> Classification of Cancer

<130> 69167(302423)

<140> US 10/584,653
<141> 2006-06-27

<150> PCT/DK04/000914
<151> 2004-12-23

<150> PA 2004 01843
<151> 2004-11-26

<150> PA 2004 00586
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<150> PA 2004 00096
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<150> PA 2003 01940
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<213> NM_004363.1 Homo sapiens carcinoembryonic antigen-related cell adhesion molecule 5 (CEACAM5), mRNA

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<213> NM_006291.2| Homo sapiens tumor necrosis factor, alpha-induced protein 2 (TNFAIP2), mRNA

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<212> DNA

<213> NM_001071.1| Homo sapiens thymidylate synthetase (TYMS), mRNA

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<211> 2986

<212> DNA

<213> NM_000201.1| Homo sapiens intercellular adhesion molecule 1 (CD54), human rhinovirus receptor (ICAM1), mRNA

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<211> 736

<212> DNA

<213> NM_004492.1| Homo sapiens general transcription factor IIA, 2 (12kD subunit) (GTF2A2), mRNA

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<211> 6401

<212> DNA

<213> NM_004850.3| Homo sapiens Rho-associated, coiled-coil containing protein kinase 2 (ROCK2), mRNA

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ctgagacagg agaatcgctt gaacccagga gacggtggtt gcagtgagcg aagatcgagc 6360

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<211> 1556

<212> DNA

<213> NM_005783.3| Homo sapiens thioredoxin domain containing 9 (TXNDC9), mRNA

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ctctgctcaa taaaatacct gtaactggaa aaaaaaaaaa aaaaaaaaaa aaaaaa 1556

<210> 21

<211> 1276

<212> DNA

<213> NM_003581.1| Homo sapiens NCK adaptor protein 2 (NCK2), mRNA

<400> 21

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<210> 22

<211> 1577

<212> DNA

<213> NM_006214.2| Homo sapiens phytanoyl-CoA hydroxylase (Refsum disease) (PHYH), mRNA

<400> 22

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<210> 23

<211> 3060

<212> DNA

<213> NM_004739.2| Homo sapiens metastais-associated gene family, member 2 (MTA2), mRNA

<400> 23

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gagccgagct tgttccggaa gaagccgagc ggacgggggc cagcctcagc gtcccgggag 180

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<211> 2407

<212> DNA

<213> NM_001091.1| Homo sapiens amiloride binding protein 1 (amine oxidase (copper-containing)) (ABP1), mRNA

<400> 24
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<210> 25

<211> 1094

<212> DNA

<213> NM_000712.3| Homo sapiens biliverdin reductase A (BLVRA), mRNA

<400> 25

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<211> 5546

<212> DNA

<213> NM_000933.2| Homo sapiens phospholipase C, beta 4 (PLCB4), transcript variant 1, mRNA

<400> 26

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<211> 1144

<212> DNA

<213> NM_005859.2| Homo sapiens purine-rich element binding protein A (PURA), mRNA

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<211> 1575

<212> DNA

<213> NM_014298.3| Homo sapiens quinolinate phosphoribosyltransferase (nicotinate-nucleotide pyrophosphorylase (carboxylating)) (QPRT), mRNA

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aaaaaaaaaa aaaaa 1575

<210> 30

<211> 768

<212> DNA

<213> NM_004585.2| Homo sapiens retinoic acid receptor responder (tazarotene induced) 3 (RARRES3), mRNA

<400> 30

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<211> 696

<212> DNA

<213> NM_002984.1| Homo sapiens chemokine (C-C motif) ligand 4 (CCL4), mRNA

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<210> 32

<211> 3338

<212> DNA

<213> NM_001455.2| Homo sapiens forkhead box O3A (FOXO3A), transcript variant 1, mRNA

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<210> 33

<211> 2646

<212> DNA

<213> NM_152873.1| Homo sapiens tumor necrosis factor receptor superfamily, member 6 (TNFRSF6), transcript variant 4, mRNA

<400> 33

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aaaaaa 2646

<210> 34

<211> 817

<212> DNA

<213> NM_002038.2| Homo sapiens interferon, alpha-inducible protein (clone IFI-6-16) (G1P3), transcript variant 1, mRNA

<400> 34

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<210> 35

<211> 1172

<212> DNA

<213> NM_001565.1| Homo sapiens chemokine (C-X-C motif) ligand 10 (CXCL10), mRNA

<400> 35

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attcaaggag tacctctctc tagaaccgta cgctgtacct gcatcagcat tagtaatcaa 180

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tcgaaggcca tcaagaattt actgaaagca gttagcaagg aaatgtctaa aagatctcct 360

taaaaccaga ggggagcaaa atcgatgcag tgcttccaag gatggaccac acagaggctg 420

cctctcccat cacttcccta catggagtat atgtcaagcc ataattgttc ttagtttgca 480

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gctctactga ggtgctatgt tcttagtgga tgttctgacc ctgcttcaaa tatttccctc 660

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<210> 36

<211> 396

<212> DNA

<213> NM_005950.1| Homo sapiens metallothionein 1G (MT1G), mRNA

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cctcgggttg caatggaccc caactgctcc tgtgccgctg gtgtctcctg cacctgcgcc 120

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ttctgtgaaa tatgtgaata ataattaaac acttag 396

<210> 37

<211> 2755

<212> DNA

<213> NM_000043.3| Homo sapiens tumor necrosis factor receptor superfamily, member 6 (TNFRSF6), transcript variant 1, mRNA

<400> 37
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tctcgcgcaa gagtgacaca caggtgttca aagacgcttc tggggagtga gggaagcggt 180

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acggagttgg ggaagctctt tcacttcgga ggattgctca acaaccatgc tgggcatctg 360

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ccaagtgact gacatcaact ccaagggatt ggaattgagg aagactgtta ctacagttga 480

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aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaa 2755

<210> 38

<211> 1600

<212> DNA

<213> NM_001953.2| Homo sapiens endothelial cell growth factor 1 (platelet-derived) (ECGF1), mRNA

<400> 38

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gggcgaggcc gggtacctgg gctgggatcc ggagcaagcg ggcgagggca gcgccctaag 120

caggcccgga gcgatggcag ccttgatgac cccgggaacc ggggccccac ccgcgcctgg 180

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<210> 39

<211> 931

<212> DNA

<213> NM_005138.1| Homo sapiens SCO cytochrome oxidase deficient homolog 2 (yeast) (SCO2), nuclear gene encoding mitochondrial protein, mRNA

<400> 39

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ggccccatca ttaaacgggc tgcgtttaaa a 931

<210> 40

<211> 1216

<212> DNA

<213> NM_006419.1| Homo sapiens chemokine (C-X-C motif) ligand 13 (B-cell chemoattractant) (CXCL13), mRNA

<400> 40

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gctcaagtct gaactctacc tccagacaga atgaagttca tctcgacatc tctgcttctc 120

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<210> 41

<211> 738

<212> DNA

<213> NM_006433.2| Homo sapiens granulysin (GNLY), transcript variant NKG5, mRNA

<400> 41

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aaagattaag ctgcaggctc cctgcccata aaacagggtg tgaaaggcat ctcagcggct 120

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aataaagtgt caagcaag 738

<210> 42

<211> 1579

<212> DNA

<213> NM_001767.2| Homo sapiens CD2 antigen (p50), sheep red blood cell receptor (CD2), mRNA

<400> 42

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aaaaaaaaaa aaaaaaaaa 1579

<210> 43

<211> 3738

<212> DNA

<213> NM_006275.4| Homo sapiens splicing factor, arginine/serine-rich 6 (SFRS6), mRNA

<400> 43

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<212> DNA

<213> NM_003212.1| Homo sapiens teratocarcinoma-derived growth factor 1 (TDGF1), mRNA

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<210> 45

<211> 367

<212> DNA

<213> NM_005951.1| Homo sapiens metallothionein 1H (MT1H), mRNA

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<210> 46

<211> 3052

<212> DNA

<213> NM_000767.4| Homo sapiens cytochrome P450, family 2, subfamily B, polypeptide 6 (CYP2B6), mRNA

<400> 46
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<210> 47

<211> 1645

<212> DNA

<213> NM_003811.2| Homo sapiens tumor necrosis factor (ligand) superfamily, member 9 (TNFSF9), mRNA

<400> 47

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<210> 48

<211> 6640

<212> DNA

<213> NM_006047.4| Homo sapiens RNA binding motif protein 12 (RBM12), transcript variant 1, mRNA

<400> 48

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<210> 56

<211> 2090

<212> DNA

<213> NM_003242.3| Homo sapiens transforming growth factor, beta receptor II (70/80kDa) (TGFBR2), mRNA

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<211> 4568

<212> DNA

<213> NM_012408.3| Homo sapiens protein kinase C binding protein 1 (PRKCBP1), transcript variant 2, mRNA

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<213> NM_021200.1| Homo sapiens pleckstrin homology domain containing, family B (evectins) member 1 (PLEKHB1), mRNA

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<210> 61

<211> 1655

<212> DNA

<213> NM_002164.3| Homo sapiens indoleamine-pyrrole 2,3 dioxygenase (INDO), mRNA

<400> 61

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aataaataaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 1620

aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaa 1655

<210> 62

<211> 2242

<212> DNA

<213> NM_021784.3| Homo sapiens forkhead box A2 (FOXA2), transcript variant 1, mRNA

<400> 62

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<210> 63

<211> 1047

<212> DNA

<213> NM_033423.2| Homo sapiens granzyme H (cathepsin G-like 2, protein h-CCPX) (GZMH), mRNA

<400> 63

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gaggccaagc cccactcccg cccctacatg gcctttgttc agtttctgca agagaagagt 180

cggaagaggt gtggcggcat cctagtgaga aaggactttg tgctgacagc tgctcactgc 240

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cagcagttta tccctgtgaa aagacccatc ccccatccag cctataatcc taagaacttc 360

tccaacgaca tcatgctact gcagctggag agaaaggcca agtggaccac agctgtgcgg 420

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<210> 64

<211> 5243

<212> DNA

<213> NM_001165.3| Homo sapiens baculoviral IAP repeat-containing 3 (BIRC3), transcript variant 1, mRNA

<400> 64

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catgatcgag ttatataagg tataccataa tgagtttgat tttgaatttg atttgtggaa 360

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<210> 65

<211> 3850

<212> DNA

<213> NM_005682.4| Homo sapiens G protein-coupled receptor 56 (GPR56), transcript variant 1, mRNA

<400> 65

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<210> 69

<211> 1209

<212> DNA

<213> NM_173834.2| Homo sapiens hypothetical protein MGC21416 (MGC21416), mRNA

<400> 69

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<211> 5249

<212> DNA

<213> NM_015352.1| Homo sapiens protein O-fucosyltransferase 1 (POFUT1), transcript variant 1, mRNA

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aaaaaaaaaa aaaaaaaaaa aaaaaaaaa 5249

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<211> 722

<212> DNA

<213> NM_175617.2| Homo sapiens metallothionein 1E (functional) (MT1E), mRNA

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<210> 72

<211> 980

<212> DNA

<213> NM_003283.3| Homo sapiens troponin T1, skeletal, slow (TNNT1), mRNA

<400> 72

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<210> 73

<211> 2213

<212> DNA

<213> NM_004067.1| Homo sapiens chimerin (chimaerin) 2 (CHN2), mRNA

<400> 73

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<210> 74

<211> 2201

<212> DNA

<213> NM_005520.1| Homo sapiens heterogeneous nuclear ribonucleoprotein H1 (H) (HNRPH1), mRNA

<400> 74

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<210> 75

<211> 1895

<212> DNA

<213> NM_004046.4| Homo sapiens ATP synthase, H+ transporting, mitochondrial F1 complex, alpha subunit, isoform 1, cardiac muscle (ATP5A1), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA

<400> 75
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<400> 78

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gccttgattt ttttttcatt tcacacaaag atttataaag gtaaagttaa tatcttactt 1920

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<210> 85

<211> 1510

<212> DNA

<213> NM_018478.1| Homo sapiens chromosome 20 open reading frame 35 (C20orf35), mRNA

<400> 85

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aaaaaaaaaa 1510

<210> 86

<211> 3105

<212> DNA

<213> NM_030674.2| Homo sapiens solute carrier family 38, member 1 (SLC38A1), mRNA

<400> 86

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<210> 87

<211> 2711

<212> DNA

<213> NM_016028.4| Homo sapiens suppressor of variegation 4-20 homolog 1 (Drosophila) (SUV420H1), transcript variant 2, mRNA

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<210> 88

<211> 2977

<212> DNA

<213> NM_022105.2| Homo sapiens death associated transcription factor 1 (DATF1), transcript variant 1, mRNA

<400> 88

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<211> 1047

<212> DNA

<213> NM_018487.2| Homo sapiens hepatocellular carcinoma-associated antigen 112 (HCA112), mRNA

<400> 89

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<210> 90

<211> 2785

<212> DNA

<213> NM_014454.1| Homo sapiens sestrin 1 (SESN1), mRNA

<400> 90

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<213> NM_004503.2| Homo sapiens homeo box C6 (HOXC6), transcript variant 1, mRNA

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<211> 3394

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<213> NM_004764.2| Homo sapiens piwi-like 1 (Drosophila) (PIWIL1), mRNA

<400> 106

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<211> 2524

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<213> NM_000249.2| Homo sapiens mutL homolog 1, colon cancer, nonpolyposis type 2 (E. coli) (MLH1), mRNA

<400> 107

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<213> NM_001313.2| Homo sapiens collapsin response mediator protein 1 (CRMP1), mRNA

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<213> NM_002860.2| Homo sapiens aldehyde dehydrogenase 18 family, member A1 (PYCS/ALDH18A1), mRNA

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<211> 2899

<212> DNA

<213> NM_005655.1| Homo sapiens TGFB inducible early growth response (TIEG), mRNA

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<211> 3138

<212> DNA

<213> NM_018223.1| Homo sapiens checkpoint with forkhead and ring finger domains (CHFR), mRNA

<400> 112

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<213> NM_024645.1| Homo sapiens hypothetical protein FLJ13842 (FLJ13842), mRNA

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<211> 2745

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<211> 2152

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<211> 2759

<212> DNA

<213> NM_080796.1| Homo sapiens death associated transcription factor 1 (DATF1), transcript variant 2, mRNA

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<211> 781

<212> DNA

<213> NM_177953.1| Homo sapiens dynein, cytoplasmic, light polypeptide 2A (DNCL2A), transcript variant 2, mRNA

<400> 122

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<210> 123

<211> 841

<212> DNA

<213> NM_022873.1| Homo sapiens interferon, alpha-inducible protein (clone IFI-6-16) (G1P3), transcript variant 3, mRNA

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<210> 124

<211> 4652

<212> DNA

<213> NM_183047.1| Homo sapiens protein kinase C binding protein 1 (PRKCBP1), transcript variant 1, mRNA

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<211> 3217

<212> DNA

<213> NM_017452.1| Homo sapiens staufen, RNA binding protein (Drosophila) (STAU), transcript variant T2, mRNA

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<210> 129

<211> 2692

<212> DNA

<213> NM_152871.1| Homo sapiens tumor necrosis factor receptor superfamily, member 6 (TNFRSF6), transcript variant 2, mRNA

<400> 129

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<210> 130

<211> 2730

<212> DNA

<213> NM_152872.1| Homo sapiens tumor necrosis factor receptor superfamily, member 6 (TNFRSF6), transcript variant 3, mRNA

<400> 130

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<210> 131

<211> 2563

<212> DNA

<213> NM_152874.1| Homo sapiens tumor necrosis factor receptor superfamily, member 6 (TNFRSF6), transcript variant 8, mRNA

<400> 131
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<210> 132

<211> 2445

<212> DNA

<213> NM_152876.1| Homo sapiens tumor necrosis factor receptor superfamily, member 6 (TNFRSF6), transcript variant 6, mRNA

<400> 132
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<210> 133

<211> 2508

<212> DNA

<213> NM_152877.1| Homo sapiens tumor necrosis factor receptor superfamily, member 6 (TNFRSF6), transcript variant 7, mRNA

<400> 133

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<210> 134

<211> 2583

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<213> NM_152875.1| Homo sapiens tumor necrosis factor receptor superfamily, member 6 (TNFRSF6), transcript variant 5, mRNA

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aaa 2583

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atgcacctcc tgcaagaaga gctgctgctc ctgttgcccc ctgggctgtg ccaagtgtgc 180

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<211> 3145

<212> DNA

<213> NM_000251. Homo sapiens mutS...[gi:4557760]

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tccctgataa tgatcagttc tccaatcttg aggctctcct catccagatt ggaccaaagg 660

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<213> NM_000534. Homo sapiens PMS1...[gi:53729349]

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<213> NM_000535. Homo sapiens PMS2...[gi:11125773]

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<211> 4264

<212> DNA

<213> NM_000179. Homo sapiens mutS...[gi:4504190]

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